

REMARKS

Claims 1-20 are pending in the present application.

Entry of the above amendments is earnestly solicited. An early and favorable first action on the merits is earnestly requested.

Should there be any matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

Attached hereto is a marked-up version of the changes made to the claims and Abstract by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

Respectfully submitted,

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Attachments

VERSION WITH MARKINGS TO SHOW CHANGES MADEIN THE ABSTRACT OF THE DISCLOSURE:

The Abstract of the Disclosure has been amended as follows:

## ABSTRACT OF THE DISCLOSURE

A method for changing over to different frequency in a cellular phone system, in which lowering the probability generating a call drop and decreasing the power consumption at the time when the moving velocity of a mobile communication terminal connecting a micro-cell becomes high can be realized, is provided. A judging threshold value  $Th_{HO}$  using at the changing over to the different frequency is changed corresponding to the moving velocity of the mobile communication terminal. When the moving velocity of the mobile communication terminal connecting to a micro-cell becomes high, the judging threshold value  $Th_{HO}$  is changed to be a small value, and the probability changing over to the different frequency is made to be high, and it makes easy for the mobile communication terminal to connect to a macro-cell. With this, the probability generating the call drop can be decreased. ~~Further, in case that the cellular phone system is composed of plural micro-cells and a macro-cell covering the plural micro-cells, when the moving velocity of a mobile communication terminal connecting to a micro-cell becomes high, the judging threshold value  $Th_{HO}$  is changed to be a~~

~~small value, and the probability connecting to the macro cell becomes high. With this, frequent hand over among the plural micro-cells becomes small, and the controlling load can be decreased.~~ decreased.

IN THE CLAIMS:

The claims have been amended as follows:

4. (Amended) A method for changing over to a different frequency in accordance with claim 1, ~~or 2,~~ wherein:

said first base station transmits a first broadcast channel and said second base station transmits a second broadcast channel, and

said first reception quality is reception quality in said first broadcast channel and said second reception quality is reception quality in said second broadcast channel.

5. (Amended) A method for changing over to a different frequency in accordance with claim 1, ~~or 2,~~ further comprising the steps of:

making a data vacant time in which data are not transmitted by compressing transmitting data in the time by said first base station; and

measuring said second reception quality in said data vacant time by said mobile communication terminal.

11. (Amended) A cellular phone system in accordance with claim 8, ~~or 9~~, wherein:

said first base station transmits a first broadcast channel and said second base station transmits a second broadcast channel, and

said first reception quality is reception quality in said first broadcast channel and said second reception quality is reception quality in said second broadcast channel.

12. (Amended) A cellular phone system in accordance with claim 8, ~~or 9~~, wherein:

said first base station, comprising:

a data vacant time making means for making a data vacant time in which data are not transmitted by compressing transmitting data in the time, and

said mobile communication terminal, comprising:

a measuring means for measuring said second reception quality in said data vacant time.